September 3, 2009 7:42:30 AM

Item ID:

D2580-1

D

Revision ID: Item Name:

205 Skidtube bent detail

Start Date:

9/03/09

QC:

Start Qty: 2.00

Required Date: 9/08/09

Req'd Qty: 2.00



Accept

Run

Setup Start



Stop

Reference:

Approvals:

Date:

Date:

SPC (Y/N):

Tooling:

0.00

0.00

Date:

Cust Item ID:

Customer:

Date:

Start

Stop



Sequence ID/ Work Center ID

Operation Description Set Up/ **Run Hours** Draw Number

Plan Draw Rev. Code Accept Qty

Reject Qty

Reject Insp. Number Stamp

Draw Nbr

Revision Nbr

D2580 Rev D

HandFinish Hand Finishing

Memo

1- Inspect mat'l D2500-1-190 for damage.

2- Chemical Conversion Coat as per QSI 005 4.1

101

Quality Control

QC3- Inspect Part Finish

Memo

0.00

0.00

2 8 - A4m9-9-14

W/O:		WORK ORDER CHANGES										
DATE	STEP	PRO	OCEDURE CHA	NGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
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DATE	STEP	Description of NC	Initial	Corrective Action	Section B	Sign &	Verific		Approval	Approval		
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W٥	rk	Oi	rder	ID	51	774

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Page 2

September 3, 2009 7:42:30 AM

Item ID:

D2580-1

Accept



Setup Start



Revision ID:

Item Name:

Required Date: 9/08/09

205 Skidtube bent detail

Start Date:

9/03/09

Start Oty: 2.00

Req'd Oty: 2.00



Cust Item ID:

Customer:

Reference:

Approvals:

Process Plan:

Operation

Date:

Tooling:

Date:

Date:

Run

Start

Stop

Stop



Sequence ID/ Work Center ID

110

Skidtubes Skidtubes

Description *

Set Up/ **Run Hours**

Draw Number

Draw Rev.

Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

Memo

0.00

0.00

1-Drill pilot holes using drill jig DT 8149 (Do not use cutting fluid)

Date: ____ SPC (Y/N):

2-Open holes to 0.500" as per Dwg D2580 without cutting fluid

3-Deburr and blow out all chips from inside of tube

4-Bond web in place per QSI 015.

Start time: bond for 12hrs - 1:30

130

Memo

Quality Control

QC5- Inspect part completeness to step on W/O

W/O:		WORK ORDER CHANGES											
DATE	STEP	PRO	PROCEDURE CHANGE					Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
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Part No	:	PAR #:	Fault Category: N			NCR: Yes No DQA:			Date:				
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NCR:			WORK ORD	ER NON-CONFORM	ANCE (NCR)							
DATE	STEP	Description of NC			tion B		Verific	ation	Approval	Approval			
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Work Order ID 51774

D



Page 3

September 3, 2009 7:42:31 AM

Item ID:

D2580-1

Revision ID:

205 Skidtube bent detail

Item Name: **Start Date:**

9/03/09

QC:

Start Qty: 2.00

Req'd Qty: 2.00 Required Date: 9/08/09

Accept

Setup Start

Stop



Cust Item ID:

Customer:

Draw

Reference:

Approvals:

Process Plan: ______ Date:

Operation

Description

Date:

Tooling:

SPC (Y/N):

Date: Date:

Run Start

Stop



Sequence ID/

Work Center ID

140

Packaging

Packaging

Memo

Identify as per dwg & Stock Location: 4-6-

Set Up/ **Run Hours**

0.00

0.00

Number Rev.

Draw Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

1 8 - AUM 9-9-28

150

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

u 91-09-28

Dart Aerospace L	.td
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W/O:		All and declared to the second	WC	RK ORDER CHANG	GES					
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DATE	STEP	Description of NC	Corrective Action Section Initial Action Description			Sign &	Verific		Approval	Approval
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Picklist Print

September 3, 2009 7:42:29 AM

Work Order ID: 51774

Parent Item:

D2580-1RevD

Parent Item Name: 205 Skidtube bent detail

Comments:



Start Date: 9/03/09

Required Date: 9/08/09

Start Qty: 2.00

Required Qty: 2.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status	
D2500-1-190RevU/R	-	Manufactured	No			100	Each	0.0000	2.0000	~		AVM	
						B-4	6468			٦)	7-9-14	c	
Ext'n -`I' Beam Tube 4"													

D2596RevD

Manufactured

110

Each

18.0000 2.0000

Web, 205 Skidtube

Warehouse	Loc Qty	Loc Code
Location		
Main Warehouse		
LG	18	Marie V
51528	18	

AUM 9-9-14 D

	•								
W/O:			WC	RK ORDER CHANG	ES				•
DATE	STEP	PRO	OCEDURE CHAI	NGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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DATE	STEP	Description of NC			Section B Verifi			Approval	Approval
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DESIG	*#	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA
CHECH	KED.	APPROVED	DRAWING NO. REV. D
	T	# T	D2580 SHEET 1 OF 3
DATE			TITLE SCALE
07.0	2.27		205 SKIDTUBE ASSEMBLY NTS
Α		96.09.16	NEW ISSUE
В		96.12.02	AS MANUFACTURED
O		98.08.26	REDRAWN, INCLUDED DEO 9094/9097
D		07.02.27	CHANGE TO SS WEARPLATES AND GASKETS, INCLUDE DEO 9124/9183



QTY -041	QTY -045	Part Number	Description
X		D2580-041	SKIDTUBE ASSEMBLY
	X	D2580-045	SKIDTUBE ASSEMBLY
1	1	D2500-1-190	EXTRUSION
1	_ 1	D2576-3	STEP
20	24	D2579	CROSS BOLT SPACER
16	16	D2594-1	PLUG
16	16	D2594-3	O-RING
1	1	D2596	205 WEB
1	1	D2855	AFT CAP
1	1	D3564-5	WEARSHOE
1	1	D3564-9	WEARSHOE
1	1	D3564-11	WEARSHOE
1	1	D3564-13	WEARSHOE
2	2	D3566-1	GASKET
1	1	D3566-5	GASKET
1	1	D3566-13	GASKET
50	50	ALS7-1032-130	INSERT
		or AKS7-1032-130	
		or AKS4-1032-130	
		or AELS-1032-130	
50	50	AN3C4A	BOLT
2	2	AN3-5A	BOLT
50	50	AN960C10L	WASHER
2	2	AN960JD10L	WASHER

51774

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) INSERT D2596 WEB TO LOCATION SHOWN OFF AFT END OF SKIDTUBE AND BOND WEB INTO OUTER TUBE WITH NON-STRUCTURAL SIKAFLEX-241 ADHESIVE PER DART QSI 015 BEFORE BENDING. ENSURE HOLES LINE-UP.
- 4) BEND AS A SMOOTH RADIUS STARTING WITH A MAXIMUM CENTERLINE RADIUS OF 60 AND ENDING WITH A MINIMUM RADIUS OF 30. A MAXIMUM REDUCTION OF 0.200 IN DIAMETER IS ALLOWABLE IN THE BENT PORTION OF THE TUBE.
- 5) USE DART DRILL TEMPLATE TD2577-205 TO LOCATE AND DRILL Ø0.297 HOLES FOR WEARSHOE INSERTS. INSTALL ALS7-1032-130 PER SECTION D-D (50 PLACES) AFTER FINISH. INSTALL AN3C4A BOLTS AND AN960C10L WASHERS WITH SIKAFLEX-241/-291.
- 6) WELDING TO BE DONE PER DART QSI 004.
- 7) FINISH:

SEE NOTES ON

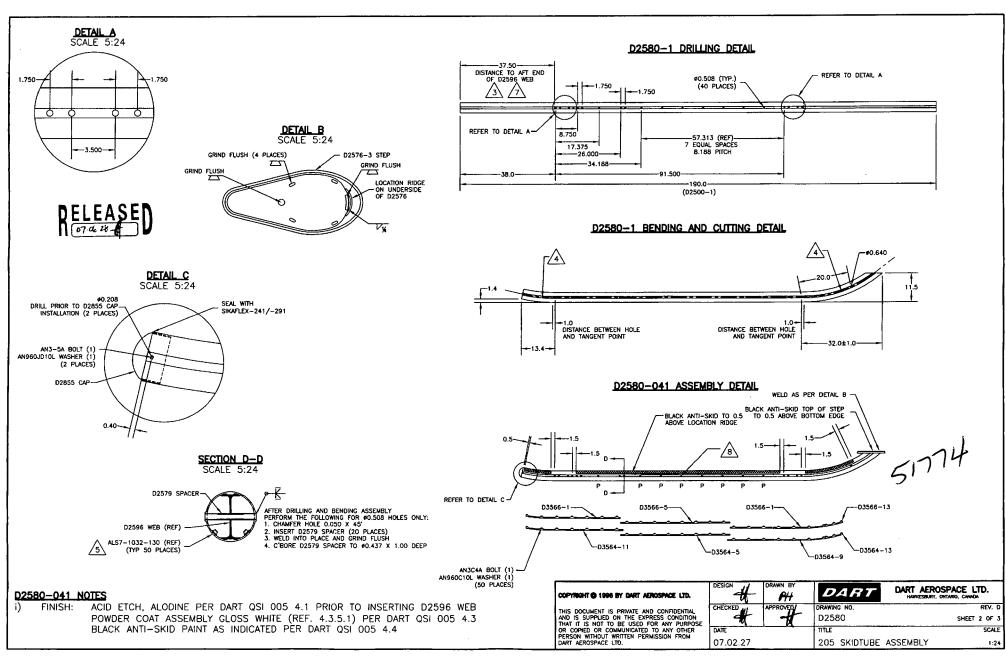
PAGE 2 FOR D2580-041 AND

PAGE 3 FOR D2580-045

 INSERT D2594-1 PLUG C/W D2594-3 O-RING IN HOLES MARKED 'P' (BOTH SIDES OF TUBE) AFTER FINISH (16 PLACES).

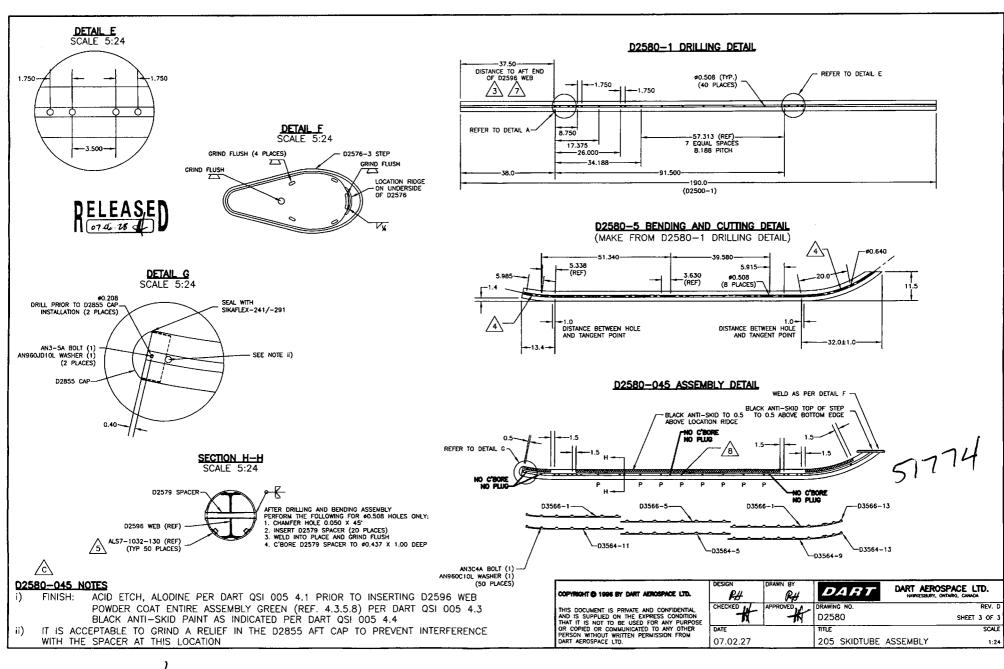
Copyright @ 1996 by DART AEROSPACE LTD

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